

## **ABSTRACT**

A sheet reversing controller has a first conveying path for conveying sheets in the first direction, sensors to detect lengths of sheets in the conveying direction; a reversing portion comprising a reversing roller that is capable of normal/reverse rotations for taking and reversing sheets supplied from the first conveying path and a pinch roller, and a second conveying path for taking and conveying sheets supplied in the second direction that is the reverse direction to the conveying direction of the first conveying path from the reversing portion, and a controller to control the conveyance of sheets. The controller controls a conveying gap between a sheet and a succeeding sheet on the second conveying path regardless of the length of the sheets in the conveying direction.